

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

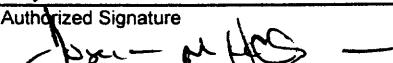
1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of Del Mar	County San Diego		
Authorized Signature 	Title Assistant City Manager		
Type/Print Name of Person Signing Joseph Hoefgen	Date 3/29/2002	Phone () Include Area Code (858) 755-9313	
Person Completing This Form (please print or type) Jacy M. Davis	Title Executive Director		
Affiliation: Consultant - Solana Recyclers, Inc.			
Mailing Address 137 N. El Camino Real	City Encinitas	State CA	ZIP Code 92024
E-Mail Address jacyd@beresourdeful.org			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The proposed generation study is representative of Del Mar's average annual jurisdiction disposal and diversion. It includes solid waste and recycling tonnage from the city's only franchised waste hauler (Coast Waste Management), the Del Mar Fairgrounds, and self-haul materials from other "non-jurisdictional" areas that have reported their city of origin as "Del Mar." Collection and clean-up activities reported on are ones that are/have been current and ongoing. Outside of the standard growth and development in the San Diego region, there were no significantly large construction or deconstruction projects, clean-ups, or road projects impacting the generation study.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 34 %	Diversion rate calculated using new generation-based study	b. 57 %
For existing base year pounds/person/day based on generation	20.08	For new generation based study pounds/person/day based on generation	33.63
Residential generation 48.6 %	Non-Residential generation 51.4 %	Residential generation 10% %	Non-Residential generation 90% %
Population existing generation-based study 4,860		Population new generation-based study 5,400	

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

Del Mar has a strong history in recycling efforts, they began implementing their city-wide residential and commercial recycling programs in 1987. However, there is significant self-haul tonnage from other nearby jurisdictions (County of San Diego, City of San Diego and City of Solana Beach) that has been attributed to Del Mar, as well as tonnage from the Del Mar Fairgrounds that was not originally accounted for in the original base year. The Del Mar Fairgrounds successfully diverts over 90% of their waste from the landfill through their aggressive recycling and composting programs. Del Mar's residential generation rate (lbs/person/day) shows as an increase because it has been skewed by the additional commercial tonnage captured through the Fairgrounds and self-haul materials.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The specific reasons for the increase in the diversion rate is due to the inclusion of solid waste and recycling tonnage from the Del Mar Fairgrounds and non-jurisdictional impact areas (County of San Diego, City of San Diego and City of Solana Beach). In the original base year these two significant factors were not included and have thus negatively impacted Del Mar's diversion rate (see attached "Del Mar Wasteshed" map). The proposed generation study captures over 12,000 tons of recycling efforts and over 1,800 tons of solid waste generated by the Del Mar Fairgrounds, which is located within the jurisdictional boundaries of Del Mar. The non-jurisdictional areas (County of San Diego, City of San Diego and City of Solana Beach) are those which are also in the 92014 zip code - thus reporting self-haul material as Del Mar, and those areas which are in the "Greater Del Mar Area" (primarily City of San Diego) that are more often than not referred to as "Del Mar." Continued - See attached Del Mar Base Year Addendum for remaining text.

7. Disposal Tonnage (enter values):	<input type="text" value="2457"/>	<input type="text" value="12146"/>	<input type="text" value="14603"/>
	Residential	Non-Residential	Total
Please select the ONE choice below that best explains your disposal data and complete the required tables.			
a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)			
<input checked="" type="checkbox"/> b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/nytnmdrq.doc)			
<input type="checkbox"/> c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/nytnmdrq.doc)			

Please select the ONE choice below that best explains your disposal data and complete the required tables.
[] a All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmcb.ca.gov/GCentral/Forms/rytnmdrq.doc)
 - c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmcb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt,) white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional information if your facility has submitted a Type of Record.

Residential Source Reduction				Other Residential Source Reduction (list each program separately)		Residential Recycling Activities	
Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) in one box)				
Please use the Board's program types. The program type glossary is online at: www.ciwmrb.ca/gov/LGCentral/Paris/CodeReduce.htm	(A)	(A/Total Generation)					
Backyard composting							
Grasscycling							
Subtotal, Residential Source Reduction	0	0.0%					
Curbside Recycling	565	1.7%	newspaper, mixed paper, cardboard, aluminum cans, aluminum foil, steel cans, #1 & #2 plastic bottles/jars, glass bottles/jars.	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices		
Buyback Centers	316	0.9%	newspaper, white ledger, computer paper, mixed paper, cardboard, aluminum cans, steel cans, #1 & #2 plastic bottles/jars, glass bottles/jars.	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices		
Drop-off Centers							

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (#Total Generation)	Specific Material Type(s) (List operation with multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ci.camb.ca.gov/GCentral/Part5/Co-des/Reduce.htm					
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	881	2.6%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste	752	2.2%	grass, shrub/tree trimmings, Christmas trees	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	752	2.2%			
Subtotal, Residential Diversion	1633	4.8%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*					
Other Non-Residential Source Reduction (list each program separately)					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	0	0.0%			

See Section 9

See Section 9

See Section 9

See Section 9

Diversification Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmrb.ca.gov/LGCentral/Part5/CodeReduce.htm	(A)	(A/Tot Generation)			
Recycling	457	1.4%			See Section 9
Non-Residential Waste Audits*					See Section 9
Other Non-Residential Recycling (list each program separately)					See Section 9
Commercial Hauler Recycling	4311	12.8%	newspaper, mixed paper, cardboard, aluminum cans, aluminum foil, steel cans, #1 & #2 plastic bottles/jars, glass bottles/jars.	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices
Multi-Family Recycling	153	0.5%	newspaper, mixed paper, cardboard, aluminum cans, aluminum foil, steel cans, #1 & #2 plastic bottles/jars, glass bottles/jars.	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices
Mixed Bins by Franchise Hauler	245	0.7%	Mixed bins including wood waste, yard waste, concrete, asphalt	Actual tons per franchise hauler receipts and report	weight tickets, franchise hauler offices
Restaurant Grease/Oil Recycling	75	0.2%	Grease and oil rendering from restaurants	Actual tons per Darling International receipts	receipts, Darling International offices
Enter program name					
Subtotal Non-Residential Recycling	5241	15.6%			
Non-Residential Composting Activities	12024	35.7%			See Section 9
Other Non-Residential Composting (list each program separately)					See Section 9
Del Mar Fire Department	32	0.1%	Brush, tree trimmings	Actual tons per Miramar Greenery annual report	Annual Landfill Report, City offices
Miscellaneous Greenery Recycling	161	0.5%	Brush, tree and yard trimmings	Actual tons per Miramar Greenery annual report	Annual Landfill Report, City offices
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	12217	36.3%			
Subtotal Non-Residential Diversions	17458	51.8%			
Residential/Non- Residential Diversions Activities					
ADC					
Sludge					
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/ Non-Residential Diversions	0	0.0%			
Total Res/Non-Res. Source Reduction Tons	0	0.0%			
Total Diversions Tons	19091	56.7%			
Total Disposal Tons from Sec:7	14603	43.3%			
Total Generation Tons (Div+Dis)	33684				

Diversion Activity	Actual tons	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmrb.ca.gov/LGCentral/Paris/CodesReduce.htm	(A)				
Diversion Rate	57%				

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Please complete this table for the top 10 non-residential generators of total diversion tons. Audit reference number ties to your audit sheets. (Table will perform all addition calculations)

generator separately from largest to smallest, based on

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s)

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard used.
recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

For the Fairgrounds: newspaper, office paper, mixed paper, cardboard, glass, plastic, aluminum, metals and green waste are tracked by actual weight ticket receipts from the various recycling collection vendors, brokers or composting/mulching facilities.

Concrete/Asphalt: based on actual prior weight tickets, a weight factor of 20,000 lbs per load is utilized. Each number of loads is multiplied by 20,000 lbs.

Food Waste: containers were weighed and averaged 100 lbs/container. Number of containers are tracked as they are hauled out and multiplied by 100 lbs.

Pallets: various sizes of pallets are brought in to Fairgrounds by vendors during shows, an average weight of 15 lbs per pallet was selected. Number of pallets collected by recycler are multiplied by 15 lbs.

Shavings/Manure: Average per load weight of shavings/manure 20,000 lbs/40 yd bin - Based on visual audit, are 90% shavings/10% manure. Made comparison to EPA weights for shavings of 440 lbs/cu yd and manure of 1,252 lbs/cu yd - based on a 90/10 ratio the numbers were consistent.

Straw/Manure: Average per load weight of straw/manure 34,000 lbs/100 yd bin - Based on visual audit, loads are 80% straw/20% manure. Made comparison to EPA weights for straw of 111 lbs/cu yd and manure of 1,252 lbs/cu yd - based on an 80/20 ratio the numbers were consistent.

verage per load weight of straw/manure 34,000 lbs/100 yd bin - based on visual audit, loads are 80% straw/20% manure. Made weights for straw of 111 lbs/cu yd and manure of 1,252 lbs/cu yd - based on an 80/20 ratio the numbers were consistent.

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pull Down for waste types	Mixed load bins	1991	245
Pull Down for waste types	C&D from the Fairgrounds	1993	335
Pull Down for waste types	Recycling scrap metals at the Fairground	1991	34
Pull Down for waste types			
Pull Down for waste types			
Pull Down for waste types			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for waste types				
Pull Down for waste types				
Pull Down for waste types				
Pull Down for waste types				
Pull Down for waste types				
Pull Down for waste types				

Del Mar Base Year Adjustment – Addendum

Section 6.

On the attached wastested map it is easy to discern through zip code coloring the areas that are in the 92014 zip code, which is the only zip code for Del Mar proper. The land that is outside of the City's jurisdictional boundaries is often referred to as the "Greater Del Mar" area. Much of the area is residentially zoned, populated and referred to as Del Mar by those residents for addressing purposes. One specific example pertains to streets in Del Mar with three digit addresses at one end versus 4-5 digit addresses at the other end. Each of these areas has a 92014 zip code, however the 4-5 digit addresses are actually in the City of San Diego. The weekly residential waste and recyclables collected from these homes are most likely accurately reported to their jurisdiction of origin; however, self-haul materials and construction/demolition waste from this area has been reported at the landfill by multiple haulers as having a "Del Mar" origin. Commercial contractors, private haulers, residents themselves or landscapers may be hauling that waste, and more often than not when asked by the landfill for the city of origination is reported as "Del Mar."

Additionally in the area on the east side of Interstate 5, near Del Mar, many of the neighborhoods and commercial developments are actually in the City of San Diego with names such as "Del Mar Highlands", "Del Mar Heights", etc. Thus, it is easy to understand how non-franchised waste haulers, contractors and landscapers could easily report their solid waste loads at the landfill as "Del Mar". This information has been likewise noted in prior year annual report submissions.

The City of Del Mar has only one franchised waste hauler and the Del Mar Fairgrounds is the only business in the city that self-hauls their solid waste and recyclables. In comparing franchised hauler and Fairgrounds solid waste reports to the CIWMB Disposal Reporting System, a 35% tonnage difference denotes a substantially high "other" self-haul rate which will more accurately be accounted for in our new base year request.

Business Audit Diversion for the City of Del Mar

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source	Tons
1	Fairgrounds	Recycling	Aluminum	Actual weights per receipts	2.48
		Recycling	Cardboard	Actual weights per receipts	180.54
		Recycling	Office Paper	Actual weights per receipts	22.32
		Recycling	Concrete/ Asphalt	Actual wt of 20,000lbs used for per load weights (4 yr average)	335.00
			Glass	Actual weights per receipts	72.26
		Recycling	Metal	Actual weights per receipts	33.77
		Recycling	Mixed Paper	Actual weights per receipts	38.53
		Recycling	Newspaper	Actual weights per receipts	22.70
		Recycling	Plastic	Actual weights per receipts	5.17
		Recycling	Pallets	15 lbs/pallet, paid \$1/pallet by recycler, multiplied from invoice	6.24
		Composting	Foodwaste	Act. Wt. based on cont size, up to 100 lbs/cont, track # conts.	47.26
		Composting	Green Waste	Actual weights per receipts	663.43
		Composting	Straw/Shavings w/ Manure	34,000 lbs/100 yd bin, average for shavings/manure 20,000 lbs/40 yd bin. Based on visual audit, straw/manure loads are 80%/20% and shavings/manure are 90%/10%. Average weights provided by Fairgrounds were compared to EPA weight	10,594.0

Total Business Diversion 12,023.69

